# IMPROVED PERFORMANCE COMPUTER NETWORK METHOD

## ABSTRACT OF THE DISCLOSURE

A method for a computer network includes sending a first request from a web client for resolving a first web address of a web page to a client DNS server, sending the first request from the client DNS server to a POP DNS server within a POP server network, using a probe server in the POP server network to determine traffic loads of a plurality of customer web servers, each of the customer web servers storing the web page, using the POP DNS server to determine a customer web server from the plurality of customer web servers, the customer web server having a traffic load lower than traffic loads of other customer web servers in the plurality of customer web servers, requesting the web page from the customer web server, the web page including static content represented by an embedded URL, sending the web page from the customer web server to the web client, sending a second request from the web client for resolving the URL to the client DNS server. sending the second request from the client DNS server to the POP DNS server within a POP server network, using the probe server to determine service metrics of a plurality of web caches within the POP server network, using the POP DNS server to determine a web cache from the plurality of web caches, the web cache having service metrics more appropriate for the second request than service metrics of other web caches in the plurality of web caches, requesting the static content from the web cache, sending the static content to the web client, and outputting the static content with the web client.